## WHAT IS CLAIMED IS:

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- 1. An isolated plant promoter comprising at least one synthetic multimeric promoter element region that is capable of driving transcription in a plant cell, wherein said promoter comprises a polynucleotide selected from the group consisting of:
- (a) a nucleotide sequence of not greater than 2000 nucleotides comprising promoter elements GT-2 comprising SEQ ID NO.:24, ABRE1 comprising SEQ ID NO.:24, ABRE1 comprising SEQ ID NO.:24, GT-2 comprising SEQ ID NO.:24, As-1 comprising SEQ ID NO.:7, GT-2 comprising SEQ ID NO.:24, GT-2 comprising SEQ ID NO.:24, DRE1 comprising SEQ ID NO.:59, GT-2 comprising SEQ ID NO.:24, DRE1 comprising SEQ ID NO.:59, DRE1 comprising SEQ ID NO.:59, As-1 comprising SEQ ID NO.:7, DRE1 comprising SEQ ID NO.:59, DRE1 comprising SEQ ID NO.:59, and ABRE1 comprising SEQ ID NO.:2, sequentially;
  - (b) a nucleotide sequence comprising SEQ ID NO.:65;
- (c) a nucleotide sequence of not less than 50 nucleotides that hybridizes under stringent conditions to a nucleotide sequence of (a) or (b), wherein said stringent conditions are hybridization in 50% formamide, 1M NaCl, 1% SDS at 37°C, and a wash in 0.1xSSC at 60-65°C; and
- (d) a polynucleotide which has at least about 90% sequence identity as determined by the GAP algorithm under default parameters across the full length of a sequence of (a) or to the promoter elements of (b).
- 2. A chimeric gene comprising the promoter of claim 1 operably linked to 25 a coding sequence.
  - 3. An expression cassette comprising the chimeric gene of claim 2.
  - 4. A transformation vector comprising the expression cassette of claim 3.
  - 5. A plant stably transformed with the transformation vector of claim 4.

6. A plant, or its parts, having stably incorporated into its genome a DNA construct comprising a plant promoter of claim 1 operably linked to a coding sequence.

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- 7. A plant, or its parts, having stably incorporated into its genome a DNA construct comprising a plant promoter operably linked to a coding sequence, said plant promoter comprising at least one synthetic multimeric promoter element region that is capable of driving transcription in a plant cell, wherein said promoter comprises a polynucleotide selected from the group consisting of:
- (a) a nucleotide sequence of not greater than 2000 nucleotides comprising promoter elements GT-2 comprising SEQ ID NO.:24, ABRE1 comprising SEQ ID NO.:24, ABRE1 comprising SEQ ID NO.:24, GT-2 comprising SEQ ID NO.:24, DRE1 comprising SEQ ID NO.:59, GT-2 comprising SEQ ID NO.:24, DRE1 comprising SEQ ID NO.:59, DRE1 comprising SEQ ID NO.:59, As-1 comprising SEQ ID NO.:7, DRE1 comprising SEQ ID NO.:59, DRE1 comprising SEQ ID NO.:59, and ABRE1 comprising SEQ ID NO.:2, sequentially;
  - (b) a nucleotide sequence comprising SEQ ID NO.:65;
- (c) a nucleotide sequence of not less than 50 nucleotides that hybridizes under stringent conditions to a nucleotide sequence of (a) or (b), wherein said stringent conditions are hybridization in 50% formamide, 1M NaCl, 1% SDS at 37°C, and a wash in 0.1XSSC at 60-65°C; and
- (d) a polynucleotide which has at least about 90% sequence identity as determined by the GAP algorithm under default parameters across the full length of a sequence of (a) or to the promoter elements of (b).
  - 8. The plant of claim 7, wherein said plant is a dicot.
- 30 9. The plant of claim 7, wherein said plant is a monocot.

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- 10. The plant of claim 9, wherein said monocot is maize.
- 11. A plant cell having stably incorporated into its genome a DNA construct comprising a plant promoter operably linked to a coding sequence, said plant promoter comprising at least one synthetic multimeric promoter element region that is capable of driving transcription in a plant cell, wherein said promoter comprises a polynucleotide selected from the group consisting of:
- (a) a nucleotide sequence of not greater than 2000 nucleotides
  comprising promoter elements GT-2 comprising SEQ ID NO.:24, ABRE1 comprising SEQ ID NO.:24, ABRE1 comprising SEQ ID NO.:24, GT-2 comprising SEQ ID NO.:24, As-1 comprising SEQ ID NO.:7, GT-2 comprising SEQ ID NO.:24, GT-2 comprising SEQ ID NO.:24, DRE1 comprising SEQ ID NO.:59, GT-2 comprising SEQ ID NO.:24, DRE1 comprising SEQ ID NO.:59, DRE1 comprising SEQ ID NO.:59, As-1
  comprising SEQ ID NO.:7, DRE1 comprising SEQ ID NO.:59, DRE1 comprising SEQ ID NO.:59, and ABRE1 comprising SEQ ID NO.:2, sequentially;
  - (b) a nucleotide sequence comprising SEQ ID NO.:65;
  - (c) a nucleotide sequence of not less than 50 nucleotides that hybridizes under stringent conditions to the nucleotide sequence of (a) or (b), wherein said stringent conditions are hybridization in 50% formamide, 1M NaCl, 1% SDS at 37°C, and a wash in 0.1XSSC at 60-65°C; and,
  - (d) a polynucleotide which has at least about 90% sequence identity as determined by the GAP algorithm under default parameters across the full length of a sequence of (a) or to the promoter elements of (b).
  - 12. The plant cell of claim 11, wherein said plant cell is from a dicotyledonous plant.
- 13. The plant cell of claim 11, wherein said plant cell is from a30 monocotyledonous plant.

- 14. The plant cell of claim 13, wherein said monocotyledonous plant is a maize plant.
- 15. A method for constitutively expressing a heterologous nucleotide sequence in a plant, said method comprising:
- (a) transforming a plant cell with a transformation vector comprising an expression cassette, said expression cassette comprising a plant promoter of claim 2 operably linked to a coding sequence; and
- 10 (b) regenerating a stably transformed plant from said transformed cell, said plant having stably incorporated into its genome said expression cassette.

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